

CORRECTION / NO-CORRECTION FILE

QPCODE: 821006

Dated: 24-03-2025

Question No.7

Replaced with "Write about the standard measures used in epidemiological studies."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS

QP Code: 821006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2025
Biostatistics and Research Methodology
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Describe about the case-control and observational studies with suitable examples
2. a) Explain about Ethics in research and the role of Institutional Review Boards
b) Research methods and Research methodology (5+5)

Short Notes

(7x5=35)

3. Discuss the advantages of computerized literature retrieval
4. What are measures used for central tendency and write its equations and terms
5. Paired and unpaired t test
6. Null and Alternative hypothesis
7. Cohort studies
8. Research publication
9. Data coding and tabulation

Answer Briefly

(10x2=20)

10. Define sample size
11. What is regression
12. Enumerate the limitations of Primary data collection
13. Describe type I and type II errors
14. How can we avoid bias in research
15. Give examples for nonparametric tests
16. Write the disadvantages of Epidemiological studies
17. Draw a typical histogram and give one advantage of histogram
18. Give examples for confounding variables in research
19. What are the differences between quantitative and qualitative variables

CORRECTION / NO-CORRECTION FILE
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QPCODE: 822006

Dated: 26-03-2025

Question No.10

Replaced with "Write the objectives of national tobacco control programme."

Question No.12

Modified as "Write the causative organism for cholera and mention its symptoms."

Question No.13

Replaced with "Write notes on protein energy malnutrition."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS

QP Code: 822006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2025
Social and Preventive Pharmacy
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Define public health. Explain the evaluation of public health.
2. Write a detailed note on National Tuberculosis Control Programme.

Short Notes

(7x5=35)

3. Write a note on socio-cultural factors related to health and disease.
4. Briefly discuss general principle of prevention and control of Influenza.
5. Write the general principles, prevention, and control of hypertension.
6. Explain national health intervention programs for mother and child.
7. Explain drug addiction and drug substance abuse.
8. Write the objectives of pulse polio programme.
9. Write a brief note on improvement in rural sanitation.

Answer Briefly

(10x2=20)

10. Write the toxic effects of tobacco.
11. Write a note on health care programme for elderly.
12. Define cholera and mention its symptoms.
13. Mention the effects of drug addiction
14. Prevention and control of deafness
15. Write a note on night blindness.
16. How diabetes can be controlled.
17. Define balanced diet.
18. What are the objectives of Integrated Disease Surveillance Programme.
19. Mention the cancer prevention strategies.

QP Code: 825006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2025
Pharmacovigilance
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Explain in detail about establishment of Pharmacovigilance program in Hospital and Industry. Discuss about the significance of drug safety monitoring in India
2. Discuss in detail about Clinical trial and its distinctive phases and role of CDSCO in Pharmacovigilance.

Short Notes

(7x5=35)

3. Enumerate various objectives of Pharmacovigilance program
4. Anatomical Therapeutic and Chemical classification of drugs
5. Establishment of Pharmacovigilance programme in CRO (Contract Research Organisation)
6. Write in detail about Communication in drug safety management
7. Elaborate Pharmacovigilance planning
8. Discuss and Distinguish between Indian and global pharmacovigilance requirements.
9. Enumerate applications of Defined Daily Dose in drug utilisation research

Answer Briefly

(10x2=20)

10. What do you mean by safety signal in pharmacovigilance
11. Define the term Pharmacovigilance
12. Write about WHO herbal dictionary
13. What is eudravigilance
14. Write about tertiary sources of information
15. What is post marketing surveillance
16. Cross sectional studies
17. International Classification of Disease (ICD)
18. Write about ICH members, steering committee and working groups
19. Write the scope of CIOMS

QP Code: 826006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2025
Quality Control and Standardization of Herbals
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Elaborate on morphological and microscopical evaluation of crude drugs with examples.
2. Explain the WHO guidelines on GACP for medicinal plants.

Short Notes

(7x5=35)

3. Identification of tannins in extracts.
4. Elaborate on determination of foaming index.
5. Role of GLP in traditional systems of medicine.
6. Guidelines for evaluating safety and efficacy of herbal medicines.
7. Role of chemical markers in standardization of herbal drugs.
8. Explain stability testing of herbal medicines.
9. Elaborate on determination of ash value.

Answer Briefly

(10x2=20)

10. Define quality assurance.
11. Distinguish paracytic and diacytic stomata.
12. Methods to determine moisture content.
13. Name the medias used for detection for E-Coli and pseudomonas.
14. Define pharmacovigilance.
15. Applications of gas chromatography.
16. Principle of thin layer chromatography.
17. Define the term herbal tea.
18. Enlist any four significant ICH guidelines for quality control of herbal drugs.
19. Two methods for biological evaluation of crude drugs.

QP Code: 829006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2025
Cosmetic Science
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Explain the basic structure of hair and hair growth cycle with a labelled diagram.
2. Discuss formulation and building blocks for skin care products.

Short Notes

(7x5=35)

3. Define Cosmetics as per Indian regulation. Classify various Cosmetic products.
4. How do you develop a moisturizing cream.
5. Classify various types of hair dyes with an emphasis on azodyes.
6. Describe the formulation of a toothpaste for bleeding gums.
7. Explain the properties of henna and amla in hair care.
8. Describe the importance of TEWL and its measurement.
9. Describe the cosmetic problems associated with skin.

Answer Briefly

(10x2=20)

10. Differentiate between cosmetics and cosmeceuticals.
11. What is rheology modifying agents. Give two examples.
12. What is the reason for developing Dental Caries.
13. Write about hair oils.
14. Describe tooth sensitivity.
15. Enlist UVA sunscreen agents.
16. How do you measure skin color/ skin tone.
17. What is dandruff and the causes of dandruff.
18. What is prickly heat / heat rashes.
19. What is BIS and role in regulations of cosmetics
